

Customer No. 24498
Attorney Docket No. PD020080
Office Action Date: July 3, 2008

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Amendments to the Claims

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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (previously presented) Method for synchronizing subcode time codes and sector addresses of data contained on a recording medium for the communication between a data processing system and a micro controller, comprising the steps of:

- sending a number of sectors from the micro controller to the data processing system;
- requesting information about the sector headers of the received sectors from the data processing system; and
- calculating the difference between the subcode time codes and the sector addresses using the information about the sector headers wherein it further comprises the step of repeating the synchronisation steps for different sessions recorded on the same recording medium.

2. (previously presented) Method according to claim 1, further comprising the steps of:

- asking the data processing system for a confirmation of sector reception; and
- implementing a continuity counter in the data processing system to check if the expected sectors were received.

3. (previously presented) Method according to claim 1, further comprising the step of storing the sectors in a memory.

4. (previously presented) Method according to claim 1, wherein absolute time information conveyed in the sector headers and in absolute time fields of the q-channel of the subcode frame is used for calculating the difference between the subcode time codes and the sector addresses.

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Claims 5 and 6 (cancelled).

7. (currently amended) Apparatus for synchronizing subcode time codes and sector addresses of data contained on a recording medium for the communication between a data processing system and a micro controller comprising: reading from and/or writing to optical recording media, wherein it performs a method according to claim 1, uses a communication protocol, and/or uses a decoder

means for sending a number of sectors from the micro controller to the data processing system;

means for requesting information about the sector headers of the received sectors from the data processing system; and

means for calculating the difference between the subcode time codes and the sector addresses using the information about the sector headers wherein the calculating comprises the repeating the synchronisation steps for different sessions recorded on the same recording medium.